

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|---------|------------------|
| L1 | 3777624 | information data | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L2 | 207387 | protect\$4 near3 layer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L3 | 2659454 | etch\$3 print\$3 burn\$3 writ\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L4 | 189943 | SSC (serial near2 code) (bar near2 code) indicia | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L5 | 6257 | label near2 side | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L6 | 5500 | (L2 L5) same L3 same (L4 L1) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:38 |
| L7 | 530305 | (dual two second) near2 layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:47 |
| L8 | 45652 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/05/30 16:47 |
| L9 | 1749537 | align\$3 overlap\$4 over-lap\$4 overla\$5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:47 |
| L10 | 304 | L8 and (L7 same L1 same L9) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:47 |
| L11 | 614855 | (set subset group) near5 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:47 |
| L12 | 141 | L10 and L11 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/05/30 16:47 |
| S1 | 1 | ("20050111326").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/04 16:13 |
| S2 | 2 | (("6366542") or ("6501712")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/03 18:42 |
| S3 | 502782 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:13 |

EAST Search History

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| S4 | 7157 | ((information data) near5 (set type)) near5 (overlay overlap\$4 coincid\$3 align\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:18 |
| S5 | 2112 | S3 and S4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:18 |
| S6 | 2935 | ((information data) near3 (set type)) near2 (overlay overlap\$4 coincid\$3 align\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:18 |
| S7 | 824 | S3 and S6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:24 |
| S8 | 156509 | subset sub-set | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:20 |
| S9 | 128066 | (outer outer) near3 (circumference radius) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:25 |
| S10 | 0 | S7 and S8 and S9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:23 |
| S11 | 11 | S7 and S9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:25 |
| S12 | 6 | S5 and S8 and S9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:23 |
| S13 | 37 | S5 and S9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:23 |
| S14 | 128066 | (outer outer) near3 (circumference radius radii) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:57 |
| S15 | 11 | S7 and S14 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:57 |
| S16 | 770245 | (circumference radius radii) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 16:57 |
| S17 | 105 | S7 and S16 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 17:00 |
| S18 | 42670 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/08/04 17:00 |
| S19 | 487 | (369/53.22).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/04 17:03 |

EAST Search History

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| S20 | 2 | S17 and S19 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 17:07 |
| S21 | 14 | S17 and S18 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/04 17:07 |
| S22 | 722 | (set cluster) near5 aligned near5 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:02 |
| S23 | 29 | S22 same layer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:01 |
| S24 | 15 | S23 and optical\$2 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:28 |
| S25 | 1144 | (set cluster) near5 align\$3 near5 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:02 |
| S26 | 17 | S25 same layer and optical | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:26 |
| S27 | 128231 | (outer outer) near3 (circumference radius) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:26 |
| S28 | 46522 | (disc disk medium) near10 (ID identification (identif\$7 near5 (data information code barcode))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:35 |
| S29 | 114 | S27 same S28 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:28 |
| S30 | 81 | S29 and optical\$2 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:59 |
| S31 | 36 | S29 and optical\$2 and layer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 14:59 |
| S32 | 1633 | (lead-out (lead near2 out)) near2 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:26 |
| S33 | 77 | S28 same S32 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:26 |
| S34 | 0 | S28 same S32 same S27 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:26 |

EAST Search History

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| S35 | 3 | S28 same S32 and S27 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:27 |
| S36 | 3 | S28 same S32 and S27 and layer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:32 |
| S37 | 8 | (align\$3 overlap\$4) near10 S32 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:33 |
| S38 | 8 | (align\$3 overlap\$4 over-lap\$4) near10 S32 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:33 |
| S39 | 3 | ((align\$3 overlap\$4 over-lap\$4) near10 S28) same S27 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:34 |
| S40 | 4 | (align\$3 overlap\$4 over-lap\$4) same S28 same S27 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:36 |
| S41 | 798 | (align\$3 overlap\$4 over-lap\$4) same S28 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:37 |
| S42 | 281 | (align\$3 overlap\$4 over-lap\$4) same S28 and layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:37 |
| S43 | 203 | (align\$3 overlap\$4 over-lap\$4) same S28 and layer\$3 and optical | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:55 |
| S44 | 14 | (align\$3 overlap\$4 over-lap\$4) same S28 and layer\$3 and optical and S27 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/08/14 15:38 |
| S45 | 765 | SSC same (protect\$4 layer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:39 |
| S46 | 44300 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/11 15:33 |
| S47 | 2 | S45 and S46 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:41 |
| S48 | 5660 | (SSC (serial near2 code) (bar near2 code)) same (protect\$4 layer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:42 |
| S49 | 983 | (SSC (serial near2 code)) same (protect\$4 layer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:40 |
| S50 | 30 | S49 and S46 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:42 |

EAST Search History

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| S51 | 259 | (EDI (embedded near2 (disc disk) near2 information)) same layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:47 |
| S52 | 4066 | (SSC (serial near2 code) (bar near2 code)) same layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:49 |
| S53 | 744 | (SSC (serial near2 code)) same layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:43 |
| S54 | 1 | S51 and S53 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:43 |
| S55 | 6 | S51 and S52 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:43 |
| S56 | 7673 | (EDI (embedded near3 (disc disk) near3 information)) ((disk disc) near3 manufactur\$4 near3 (information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:10 |
| S57 | 242685 | stamp\$3 emboss\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:48 |
| S58 | 293 | S56 same S57 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:48 |
| S59 | 92398 | (SSC (serial near2 code) (bar near2 code)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:57 |
| S60 | 5 | S58 and S52 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:50 |
| S61 | 14 | S58 and S59 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 15:50 |
| S62 | 1919525 | align\$3 coincid\$3 overlap\$4 over-lap\$4 overlay\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:12 |
| S63 | 3 | S56 same S59 same S62 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:11 |
| S64 | 7950 | (EDI (embedded near3 (disc disk) near3 information)) ((disk disc) near3 manufactur\$4 near3 (information data)) (indentification near3 (information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:10 |
| S65 | 182389 | SSC (serial near2 code) (bar near2 code) indicia | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:11 |

EAST Search History

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| S66 | 4 | S64 same S65 same S62 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 17:30 |
| S67 | 3608722 | align\$3 coincid\$3 overlap\$4 over-lap\$4 overlay\$3 atop top\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:12 |
| S68 | 8 | S64 same S65 same S67 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:22 |
| S69 | 2314785 | radi\$4 circumference | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:22 |
| S70 | 10 | S64 same S65 same S69 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 16:23 |
| S71 | 111 | S64 same S65 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 17:30 |
| S72 | 1920799 | align\$3 coincid\$3 overlap\$4 over-lap\$4 overlay\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:06 |
| S73 | 7962 | (EDI (embedded near3 (disc disk) near3 information)) ((disk disc) near3 manufactur\$4 near3 (information data)) (indentification near3 (information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:13 |
| S74 | 182524 | SSC (serial near2 code) (bar near2 code) indicia | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:06 |
| S75 | 4 | S73 same S74 same S72 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:07 |
| S76 | 3611362 | align\$3 coincid\$3 overlap\$4 over-lap\$4 overlay\$3 atop top\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:12 |
| S77 | 8 | S73 same S74 same S76 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:09 |
| S78 | 247663 | protect\$4 near2 (surface layer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:09 |
| S79 | 113202 | (data information) near2 (surface layer) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:10 |
| S80 | 3 | (S73 same S79) and (S74 same S78) and S76 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:14 |

EAST Search History

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| S81 | 3627486 | align\$3 coincid\$3 overlap\$4 over-lap\$4 overla\$5 atop top\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:02 |
| S82 | 55446 | (EDI (embedded near3 (disc disk) near3 information)) (manufactur\$4 near3 (information data)) (indentification near3 (information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:13 |
| S83 | 14 | (S82 same S79) and (S74 same S78) and S81 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:36 |
| S84 | 509315 | (dual two second) near2 layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:37 |
| S85 | 3787789 | information data | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:36 |
| S86 | 44331 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/16 15:38 |
| S87 | 0 | S84 same S85 same S86 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:41 |
| S88 | 513 | S86 and (S84 same S85 same S81) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:02 |
| S89 | 3533 | S86 and (S84 same S85) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 15:42 |
| S90 | 1691173 | align\$3 overlap\$4 over-lap\$4 overla\$5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:02 |
| S91 | 262 | S86 and (S84 same S85 same S90) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:06 |
| S92 | 799141 | radius radii circumference | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:06 |
| S93 | 136 | S91 and S92 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:10 |
| S94 | 584968 | (set subset group) near5 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:26 |
| S95 | 104 | S91 and S94 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:27 |

EAST Search History

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| S96 | 6846 | (repeat\$3 redundant) near5 (set subset group) near5 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:26 |
| S97 | 7 | S91 and S96 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/16 16:27 |
| S98 | 111 | (writ\$3 burn\$3) near2 label near2 side | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:53 |
| S99 | 509315 | (dual two second) near2 layer\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S100 | 3787789 | information data | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S101 | 44331 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/17 16:49 |
| S102 | 1691173 | align\$3 overlap\$4 over-lap\$4 overla\$5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S103 | 262 | S101 and (S99 same S100 same S102) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:52 |
| S104 | 584968 | (set subset group) near5 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S105 | 104 | S103 and S104 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S106 | 199585 | protect\$4 near3 layer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:49 |
| S107 | 2570619 | etch\$3 print\$3 burn\$3 writ\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:50 |
| S108 | 182524 | SSC (serial near2 code) (bar near2 code) indicia | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:50 |
| S109 | 494 | S106 same S107 same S108 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:56 |
| S110 | 0 | S105 and S109 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:52 |
| S111 | 5999 | label near2 side | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:53 |

EAST Search History

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|----------|------|-------------------------------------------|---------------------------------|----|----|------------------|
| S11 2 | 5253 | (S106 S111) same S107 same (S108 S100) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:57 |
| S11 3 | 29 | S112 and S105 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/17 16:57 |